

BULLARD WASH CHANNEL IMPROVEMENTS - PHASE II

The District, in partnership with the City of Goodyear, is developing construction plans for the Bullard Wash Channel Improvements Phase II project. The project includes the construction of a flood control channel between I-10 and the existing Phase I channel near Lower Buckeye Parkway. The project has been identified as a feature in the District's Loop 303 Corridor/White Tanks Area Drainage Master Plan, which



identifies solutions to flooding problems in the area bounded by McMicken Dam, the Gila River, the White Tanks Mountains, and the Agua Fria River. The channel will be developed with irrigated landscaping, turf, trees, shrubs, trails and other multi-use features. The channel construction will initiate the implementation of the Bullard Wash improvements identified in the City of Goodyear's Parks, Trails, and Open Space Master Plan.

Currently, the Bullard Wash floodplain is rather wide and unconfined. This project will enhance the area adjacent to the wash by channelizing the wash and reducing the floodplain width.

The flood control project will be designed with three hydraulic functions. The main channel facility will carry the 100-year storm runoff safely through the project. Within the main channel a low-flow area will collect runoff from more frequent events to minimize flooding of the upper terraces that might contain large turf open space, court sports, playgrounds, and picnic areas. Finally, an irrigation tailwater ditch will meander through the low-flow area.

Dry crossings will be constructed at Van Buren Street and Yuma Road as part of the project. Underpasses for the project trails will also be built at these road crossings. A Flood Response Plan (FRP) will be developed as part of the project to assist with emergency planning and operations.



PROJECT AREA